

Schlumberger Drilling and Measurements
Drilling Group
Geo Market Area: South West Texas Basin
7220 W I-H 20
Midland, Texas 79706
Phone : (432) 742-5400 (Main)
Fax : (432) 742-5606 (Shared)

Schlumberger

30-015-44496

Well Reference:
8, 24 S, 31 E, Eddy NM
32.22578 103.80117

I, Cen Chen certify that; I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of February 03, 2018 through February 08, 2018, conduct or supervise the taking of the SlimPulse surveys from a depth of 9387.00 feet to a depth of 15172.00 feet referenced to driller's depth; that the data is true, correct, complete and within the limitations of the tool as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I am authorized and qualified to make this report; that this survey was conducted at the request of OXY USA INC. for the Patton MDP1 17 Federal 3H Well (Original Hole) API No. 30-015-44496 in New Mexico; and that I have reviewed this report and find that it conforms to the principals and procedures as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation.

By
Cen Chen
FE

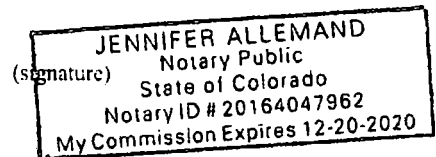
Subscribed and Sworn to before me this 22nd day of February (month) 2018 (yr)

My Commission expires:

12-20-2020

J. Allemand
Notary Public

Adams County Colorado
(County State)







Section Header

Oxy Patton MDP1 17 Federal 3H Gyro+MWD 0-15,210' Survey Geodetic Report

(Def Survey)

Report Date: February 08, 2018 - 09:05 AM
Client: OXY
Structure / Shot: NM Edley County (RAD 83)
Well: Oxy Patton MDP1 17 Federal 3H / Oxy Patton MDP1 17 Federal 3H
Borehole: Oxy Patton MDP1 17 Federal 3H
UWI / API#: Unknown / Unknown
Survey Name: Oxy Patton MDP1 17 Federal 3H Gyro+MWD 0-15,210'
Survey Date: January 29, 2018
Tort / AHD / ODI / ERD Ratio: 1172.675 / 75375.977 ft / 6.161 / 0.552
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 13' 32.81019" W 103° 48' 4.21813"
Location Grid N/E Y/X: N 4462350 300 N/E E 7058960 780 N/S
CRS Grid Convergence Angle: 0.2838 °
Grid Scale Factor: 0.99994011
Version / Patch: 2 10.696.0

Survey / DLS Computation: Minimum Curvature / Lumby
Vertical Section Azimuth: 180.076 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB-2S-5
TVD Reference Elevation: 3567.200 ft above MSL
Seabed / Ground Elevation: 3540.900 ft above MSL
Magnetic Declination: 6.925 °
Total Gravity Field Strength: 998.427mgals (9.80665 Gauss)
Gravity Model: GARM1
Total Magnetic Field Strength: 48051.229 nT
Magnetic Dip Angle: 59.990 °
Declination Date: January 29, 2018
Magnetic Declination Model: HOGM 2017
North Reference: Grid North
Grid Convergence Used: 0.2838 °
Total Corr Mag North->Grid: 6.6417 °
North: Well Head
Local Coord Referenced To: Well Head

Comments	MD	Incl	Azim	TVD	VSEC	NS	EW	DLS	Northing	Eastng	Latitude	Longitude
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)	(1/100ft)	(ft)	(ft)	(N/S ° ' ")	(E/W ° ' ")
SHL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	446230.30	705896.76	N 32° 13' 32.81" W 103° 48' 4.22"	
RKB	26.50	0.50	0.00	26.50	0.42	-0.42	-0.05	0.71	446230.30	705896.76	N 32° 13' 32.81" W 103° 48' 4.22"	
	109.61	0.59	187.21	109.61	0.00	-0.42	-0.05	0.71	446279.88	705896.71	N 32° 13' 32.81" W 103° 48' 4.22"	
	199.49	1.08	202.22	199.48	1.67	-1.67	-1.40	0.59	446278.63	705896.33	N 32° 13' 32.79" W 103° 48' 4.22"	
	288.88	1.67	209.17	289.94	3.61	-3.61	-1.40	0.68	446276.69	705895.36	N 32° 13' 32.77" W 103° 48' 4.23"	
	381.29	1.81	211.08	381.21	6.01	-6.01	-2.79	0.17	446274.29	705893.97	N 32° 13' 32.75" W 103° 48' 4.25"	
	472.14	1.19	208.92	472.03	8.07	-8.06	-3.99	0.69	446272.24	705892.77	N 32° 13' 32.73" W 103° 48' 4.27"	
	562.94	0.81	200.86	562.81	9.49	-9.49	-4.37	0.45	446270.82	705892.09	N 32° 13' 32.72" W 103° 48' 4.28"	
	660.80	0.91	211.84	660.66	10.80	-10.79	-5.33	0.20	446269.51	705891.71	N 32° 13' 32.70" W 103° 48' 4.28"	
	848.81	0.69	220.85	848.66	11.82	-11.81	-6.05	0.34	446268.08	705890.71	N 32° 13' 32.69" W 103° 48' 4.29"	
	1034.58	0.05	184.38	1034.05	12.35	-12.35	-6.42	0.55	446267.05	705890.30	N 32° 13' 32.69" W 103° 48' 4.29"	
	1133.06	0.06	171.87	1132.93	12.45	-12.44	-6.46	0.01	446267.86	705890.31	N 32° 13' 32.69" W 103° 48' 4.29"	
	1322.63	0.06	39.38	1322.54	12.34	-12.33	-6.31	0.13	446267.97	705890.48	N 32° 13' 32.69" W 103° 48' 4.29"	
	1527.44	0.07	45.05	1527.39	12.24	-12.23	-6.23	0.02	446268.12	705890.53	N 32° 13' 32.69" W 103° 48' 4.29"	
	1742.49	0.07	48.26	1742.39	12.16	-12.15	-6.14	0.00	446268.23	705890.71	N 32° 13' 32.69" W 103° 48' 4.29"	
	1969.02	0.08	47.48	1969.02	12.06	-12.07	-6.05	0.01	446268.40	705890.81	N 32° 13' 32.69" W 103° 48' 4.29"	
	2200.02	0.08	53.65	2200.02	11.98	-11.98	-5.88	0.01	446268.47	705890.90	N 32° 13' 32.69" W 103° 48' 4.29"	
	2424.79	0.08	56.28	2424.79	11.81	-11.81	-5.75	0.01	446268.47	705891.00	N 32° 13' 32.69" W 103° 48' 4.29"	
	2649.63	0.09	58.88	2649.63	11.65	-11.64	-5.63	0.03	446268.56	705891.14	N 32° 13' 32.69" W 103° 48' 4.29"	
	2874.57	0.10	60.82	2874.57	11.57	-11.56	-5.62	0.18	446268.66	705891.14	N 32° 13' 32.70" W 103° 48' 4.29"	
	3100.00	0.09	304.16	3100.00	11.52	-11.51	-5.76	0.03	446268.73	705890.88	N 32° 13' 32.70" W 103° 48' 4.29"	
	3324.08	0.07	304.08	3324.08	11.52	-11.51	-5.68	0.03	446268.78	705890.88	N 32° 13' 32.70" W 103° 48' 4.29"	
	3548.00	0.07	297.35	3548.00	11.46	-11.45	-5.69	0.01	446268.85	705890.78	N 32° 13' 32.70" W 103° 48' 4.29"	
	3772.00	0.09	297.35	3772.00	11.36	-11.37	-6.08	0.03	446268.90	705890.68	N 32° 13' 32.70" W 103° 48' 4.29"	
	3996.00	0.08	312.80	3996.00	11.30	-11.30	-6.35	0.03	446269.00	705890.56	N 32° 13' 32.70" W 103° 48' 4.29"	
	4220.00	0.16	316.51	4220.00	11.18	-11.17	-6.50	0.10	446269.13	705890.41	N 32° 13' 32.70" W 103° 48' 4.29"	
	4444.00	0.17	317.19	4444.00	10.98	-10.97	-6.53	0.01	446269.33	705890.23	N 32° 13' 32.70" W 103° 48' 4.29"	
	4668.00	0.22	320.64	4668.00	10.74	-10.73	-6.74	0.05	446269.57	705890.02	N 32° 13' 32.70" W 103° 48' 4.30"	
	4892.00	0.33	321.21	4892.00	10.45	-10.44	-6.98	0.01	446269.86	705889.78	N 32° 13' 32.71" W 103° 48' 4.30"	
	5116.00	0.44	321.21	5116.00	10.35	-10.34	-7.21	0.24	446269.96	705889.56	N 32° 13' 32.71" W 103° 48' 4.30"	
	5340.00	0.52	321.21	5340.00	10.75	-10.74	-7.31	0.44	446269.96	705889.45	N 32° 13' 32.70" W 103° 48' 4.30"	
	5564.00	0.55	311.74	5564.00	11.39	-11.39	-6.99	0.42	446269.96	705889.77	N 32° 13' 32.70" W 103° 48' 4.30"	
	5788.00	0.49	320.65	5788.00	11.84	-11.83	-6.24	0.21	446269.96	705890.52	N 32° 13' 32.69" W 103° 48' 4.29"	
	6012.00	0.49	320.65	6012.00	12.10	-12.09	-6.53	0.08	446269.96	705891.33	N 32° 13' 32.69" W 103° 48' 4.28"	
	6236.00	0.49	320.65	6236.00	12.29	-12.28	-6.40	0.06	446269.96	705892.05	N 32° 13' 32.69" W 103° 48' 4.27"	
	6460.00	0.49	320.65	6460.00	12.45	-12.44	-6.26	0.06	446269.96	705892.86	N 32° 13' 32.69" W 103° 48' 4.27"	
	6684.00	0.49	320.65	6684.00	12.61	-12.61	-6.26	0.36	446269.96	705893.67	N 32° 13' 32.69" W 103° 48' 4.26"	
	6908.00	0.78	330.01	6908.00	12.99	-12.99	-6.26	0.36	446269.96	705894.48	N 32° 13' 32.69" W 103° 48' 4.25"	
	7132.00	1.08	330.01	7132.00	14.70	-14.70	-6.26	0.00	446269.96	705895.29	N 32° 13' 32.69" W 103° 48' 4.22"	
	7356.00	1.08	330.01	7356.00	16.03	-16.03	-6.26	0.44	446269.96	705896.10	N 32° 13' 32.69" W 103° 48' 4.20"	
	7580.00	1.08	330.01	7580.00	18.11	-18.11	-6.26	0.59	446269.96	705896.91	N 32° 13' 32.69" W 103° 48' 4.18"	
	7804.00	1.08	330.01	7804.00	20.59	-20.59	-6.26	0.43	446269.96	705897.72	N 32° 13' 32.69" W 103° 48' 4.16"	
	8028.00	1.08	330.01	8028.00	22.64	-22.64	-6.26	0.33	446269.96	705898.53	N 32° 13' 32.69" W 103° 48' 4.15"	
	8252.00	1.08	330.01	8252.00	24.64	-24.64	-6.26	0.05	446269.96	705899.34	N 32° 13' 32.69" W 103° 48' 4.12"	
	8476.00	1.08	330.01	8476.00	26.55	-26.55	-6.26	0.16	446269.96	705900.15	N 32° 13' 32.69" W 103° 48' 4.12"	
	8700.00	1.08	330.01	8700.00	28.53	-28.53	-6.26	0.75	446269.96	705900.96	N 32° 13' 32.69" W 103° 48' 4.12"	
	8924.00	1.08	330.01	8924.00	30.56	-30.56	-6.26	1.09	446269.96	705901.77	N 32° 13' 32.69" W 103° 48' 4.12"	
	9148.00	1.08	330.01	9148.00	32.56	-32.56	-6.26	0.82	446269.96	705902.58	N 32° 13' 32.69" W 103° 48' 4.13"	
	9372.00	1.08	330.01	9372.00	34.56	-34.56	-6.26	1.02	446269.96	705903.39	N 32° 13' 32.69" W 103° 48' 4.13"	
	9596.00	1.08	330.01	9596.00	36.56	-36.56	-6.26	1.02	446269.96	705904.20	N 32° 13' 32.69" W 103° 48' 4.13"	
	9820.00	1.08	330.01	9820.00	38.56	-38.56	-6.26	1.02	446269.96	705905.01	N 32° 13' 32.69" W 103° 48' 4.13"	
	10044.00	1.08	330.01	10044.00	40.56	-40.56	-6.26	1.02	446269.96	705905.82	N 32° 13' 32.69" W 103° 48' 4.13"	
	10268.00	1.08	330.01	10268.00	42.56	-42.56	-6.26	1.02	446269.96	705906.63	N 32° 13' 32.69" W 103° 48' 4.13"	
	10492.00	1.08	330.01	10492.00	44.56	-44.56	-6.26	1.02	446269.96	705907.44	N 32° 13' 32.69" W 103° 48' 4.13"	
	10716.00	1.08	330.01	10716.00	46.56	-46.56	-6.26	1.02	446269.96	705908.25	N 32° 13' 32.69" W 103° 48' 4.13"	
	10940.00	1.08	330.01	10940.00	48.56	-48.56	-6.26	1.02	446269.96	705909.06	N 32° 13' 32.69" W 103° 48' 4.13"	
	11164.00	1.08	330.01	11164.00	50.56	-50.56	-6.26	1.02	446269.96	705909.87	N 32° 13' 32.69" W 103° 48' 4.13"	
	11388.00	1.08	330.01	11388.00	52.56	-52.56	-6.26	1.02	446269.96	705910.68	N 32° 13' 32.69" W 103° 48' 4.13"	
	11612.00	1.08	330.01	11612.00	54.56	-54.56	-6.26	1.02	446269.96	705911.49	N 32° 13' 32.69" W 103° 48' 4.13"	
	11836.00	1.08	330.01	11836.00	56.56	-56.56	-6.26	1.02	446269.96	705912.30	N 32° 13' 32.69" W 103° 48' 4.13"	
	12060.00	1.08	330.01	12060.00	58.56	-58.56	-6.26	1.02	446269.96	705913.11	N 32° 13' 32.69" W 103° 48' 4.13"	
	12284.00	1.08	330.01	12284.00	60.56	-60.56	-6.26	1.02	446269.96	705913.92	N 32° 13' 32.69" W 103° 48' 4.13"	
	12508.00	1.08	330.01	12508.00	62.56	-62.56	-6.26	1.02	446269.96	705914.73	N 32° 13' 32.69" W 103° 48' 4.13"	
	12732.00	1.08	330.01	12732.00	64.56	-64.56	-6.26	1.02	446269.96	705915.54	N 32° 13' 32.69" W 103° 48' 4.13"	
	12956.00	1.08	330.01	12956.00	66.56	-66.56	-6.26	1.02	446269.96	705916.35	N 32° 13' 32.69" W 103° 48' 4.13"	
	13180.00	1.08	330.01	13180.00	68.56	-68.56	-6.26	1.02	446269.96	705917.16	N 32° 13' 32.69" W 103° 48' 4.13"	
	13404.00	1.08	330.01	13404.00	70.56	-70.56	-6.26	1.02	446269.96	705917.97	N 32° 13' 32.69" W 103° 48' 4.13"	
	13628.00	1.08	330.01	13628.00	72.56	-72.56	-6.26	1.02	446269.96	705918.78	N 32° 13' 32.69" W 103° 48' 4.13"	
	13852.00	1.08	330.01	13852.00	74.56	-74.56	-6.26	1.02	446269.96	705919.59	N 32° 13' 32.69" W 103° 48' 4.13"	
	14076.00	1.08	330.01	14076.00	76.56	-76.56	-6.26	1.02	446269.96	705920.40	N 32° 13' 32.69" W 103° 48' 4.13"	
	14300.00	1.08	330.01	14300.00	78.56	-78.56	-6.26	1.02	446269.96	705921.21	N 32° 13' 32.69" W 103° 48' 4.13"	
	14524.00	1.08	330.01	14524.00	80.56	-80.56	-6.26	1.				

Comments	MD (ft)	Incl (°)	Azim Grd (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N 31° 30' 7" W 103° 48' 3.16")	Longitude (E 76° 17' 10.38")
	7175.07	0.04	225.00	7163.47	204.12	-204.21	63.84	0.01	446076.11	705890.55	N 31° 30' 7" W 103° 48' 3.16"	
	7265.52	0.05	213.61	7257.92	204.18	-204.26	63.79	0.01	446076.05	705890.55	N 31° 30' 7" W 103° 48' 3.16"	
	7363.92	0.04	221.46	7356.32	204.20	-204.32	63.75	0.01	446075.99	705890.55	N 31° 30' 7" W 103° 48' 3.16"	
	7454.46	0.05	219.24	7446.86	204.20	-204.38	63.70	0.01	446075.93	705890.46	N 31° 30' 7" W 103° 48' 3.16"	
	7552.99	0.04	222.87	7541.39	204.35	-204.44	63.65	0.01	446075.88	705890.37	N 31° 30' 7" W 103° 48' 3.16"	
	7647.40	0.04	206.16	7635.80	204.41	-204.49	63.61	0.01	446075.82	705890.28	N 31° 30' 7" W 103° 48' 3.16"	
	7741.86	0.05	218.97	7730.26	204.47	-204.55	63.57	0.01	446075.76	705890.19	N 31° 30' 7" W 103° 48' 3.16"	
	7838.38	0.05	222.64	7824.78	204.53	-204.61	63.52	0.00	446075.63	705890.13	N 31° 30' 7" W 103° 48' 3.16"	
	7934.12	0.05	206.67	7919.12	204.60	-204.68	63.47	0.01	446075.56	705890.23	N 31° 30' 7" W 103° 48' 3.16"	
	8030.56	0.06	219.29	8014.96	204.67	-204.76	63.42	0.01	446075.54	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	8126.24	0.04	219.29	8101.96	204.66	-204.74	63.39	0.01	446075.57	705890.22	N 31° 30' 7" W 103° 48' 3.16"	
	8221.56	0.05	219.29	8208.97	204.66	-204.74	63.36	0.02	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	8318.57	0.05	219.29	8315.97	204.66	-204.74	63.33	0.02	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	8414.94	0.03	219.29	8421.97	204.66	-204.74	63.30	0.05	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	8511.36	0.03	219.29	8518.97	204.66	-204.74	63.27	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	8607.78	0.07	219.29	8614.97	204.66	-204.74	63.24	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	8704.19	0.05	219.29	8711.97	204.66	-204.74	63.21	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	8800.59	0.05	219.29	8807.97	204.66	-204.74	63.18	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	8896.98	0.05	219.29	8893.97	204.66	-204.74	63.15	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	8993.38	0.05	219.29	8989.97	204.66	-204.74	63.12	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	9089.78	0.05	219.29	9085.97	204.66	-204.74	63.09	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	9186.18	0.05	219.29	9182.97	204.66	-204.74	63.06	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	9282.58	0.05	219.29	9278.97	204.66	-204.74	63.03	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	9378.98	0.05	219.29	9374.97	204.66	-204.74	63.00	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	9475.38	0.05	219.29	9471.97	204.66	-204.74	62.97	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	9571.78	0.05	219.29	9567.97	204.66	-204.74	62.94	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	9668.18	0.05	219.29	9664.97	204.66	-204.74	62.91	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	9764.58	0.05	219.29	9760.97	204.66	-204.74	62.88	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	9860.98	0.05	219.29	9856.97	204.66	-204.74	62.85	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	9957.38	0.05	219.29	9953.97	204.66	-204.74	62.82	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	10053.78	0.05	219.29	10049.97	204.66	-204.74	62.79	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	10150.18	0.05	219.29	10146.97	204.66	-204.74	62.76	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	10246.58	0.05	219.29	10242.97	204.66	-204.74	62.73	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	10342.98	0.05	219.29	10338.97	204.66	-204.74	62.70	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	10439.38	0.05	219.29	10435.97	204.66	-204.74	62.67	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	10535.78	0.05	219.29	10531.97	204.66	-204.74	62.64	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	10632.18	0.05	219.29	10628.97	204.66	-204.74	62.61	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	10728.58	0.05	219.29	10724.97	204.66	-204.74	62.58	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	10824.98	0.05	219.29	10820.97	204.66	-204.74	62.55	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	10921.38	0.05	219.29	10917.97	204.66	-204.74	62.52	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	11017.78	0.05	219.29	11013.97	204.66	-204.74	62.49	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	11114.18	0.05	219.29	11109.97	204.66	-204.74	62.46	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	11210.58	0.05	219.29	11206.97	204.66	-204.74	62.43	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	11306.98	0.05	219.29	11302.97	204.66	-204.74	62.40	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	11403.38	0.05	219.29	11398.97	204.66	-204.74	62.37	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	11499.78	0.05	219.29	11494.97	204.66	-204.74	62.34	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	11596.18	0.05	219.29	11590.97	204.66	-204.74	62.31	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	11692.58	0.05	219.29	11686.97	204.66	-204.74	62.28	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	11788.98	0.05	219.29	11782.97	204.66	-204.74	62.25	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	11885.38	0.05	219.29	11878.97	204.66	-204.74	62.22	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	11981.78	0.05	219.29	11974.97	204.66	-204.74	62.19	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	12078.18	0.05	219.29	12070.97	204.66	-204.74	62.16	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	12174.58	0.05	219.29	12166.97	204.66	-204.74	62.13	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	12270.98	0.05	219.29	12262.97	204.66	-204.74	62.10	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	12367.38	0.05	219.29	12358.97	204.66	-204.74	62.07	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	12463.78	0.05	219.29	12459.97	204.66	-204.74	62.04	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	12560.18	0.05	219.29	12555.97	204.66	-204.74	62.01	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	12656.58	0.05	219.29	12651.97	204.66	-204.74	61.98	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	12752.98	0.05	219.29	12748.97	204.66	-204.74	61.95	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	12849.38	0.05	219.29	12844.97	204.66	-204.74	61.92	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	12945.78	0.05	219.29	12940.97	204.66	-204.74	61.89	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	13042.18	0.05	219.29	13037.97	204.66	-204.74	61.86	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	13138.58	0.05	219.29	13133.97	204.66	-204.74	61.83	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	13234.98	0.05	219.29	13229.97	204.66	-204.74	61.80	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	13331.38	0.05	219.29	13326.97	204.66	-204.74	61.77	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	13427.78	0.05	219.29	13422.97	204.66	-204.74	61.74	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	13524.18	0.05	219.29	13519.97	204.66	-204.74	61.71	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	13620.58	0.05	219.29	13615.97	204.66	-204.74	61.68	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	13716.98	0.05	219.29	13712.97	204.66	-204.74	61.65	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	13813.38	0.05	219.29	13809.97	204.66	-204.74	61.62	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	13909.78	0.05	219.29	13905.97	204.66	-204.74	61.59	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	14006.18	0.05	219.29	14002.97	204.66	-204.74	61.56	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	14102.58	0.05	219.29	14098.97	204.66	-204.74	61.53	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	14198.98	0.05	219.29	14194.97	204.66	-204.74	61.50	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	14295.38	0.05	219.29	14290.97	204.66	-204.74	61.47	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	14391.78	0.05	219.29	14386.97	204.66	-204.74	61.44	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.16"	
	14488.18	0.05	219.29	14482.97	204.66	-204.74	61.41	0.04	446075.57	705890.12	N 31° 30' 7" W 103° 48' 3.	